



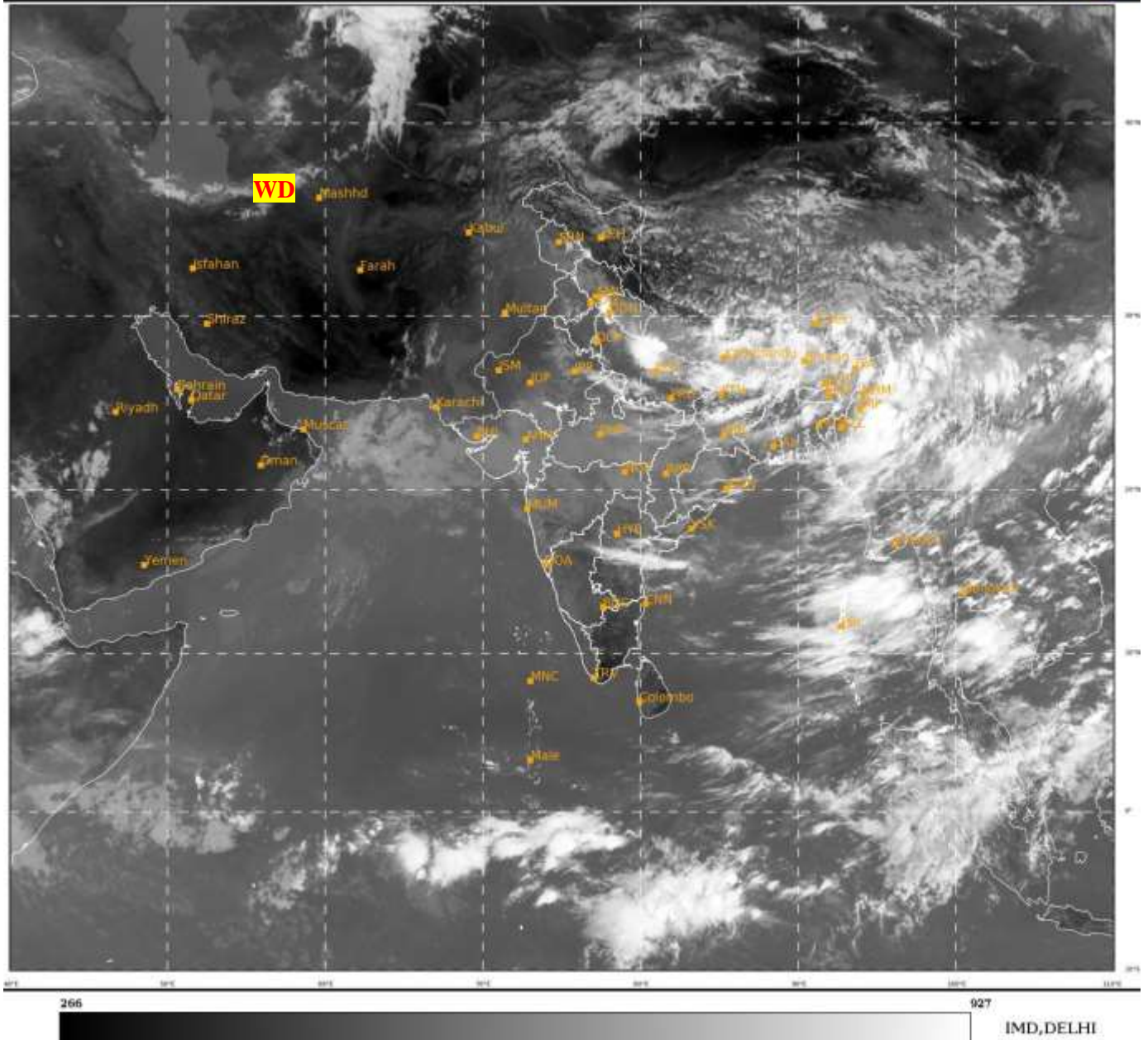
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
21.08.2023 TIME 0600 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

21-08-2023/(0600 to 0627) GMT
21-08-2023/(1130 to 1157) IST



TCIN50 DEMS 210600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 210600 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N IRAN UZBEKISTAN & N/HOOD IN ASSW **WD** OVER THE AREA (.)

THUNDERSTORM / INTENSE CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED AT NC UP (.)



INSAT-3D 21-AUG-2023 06:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

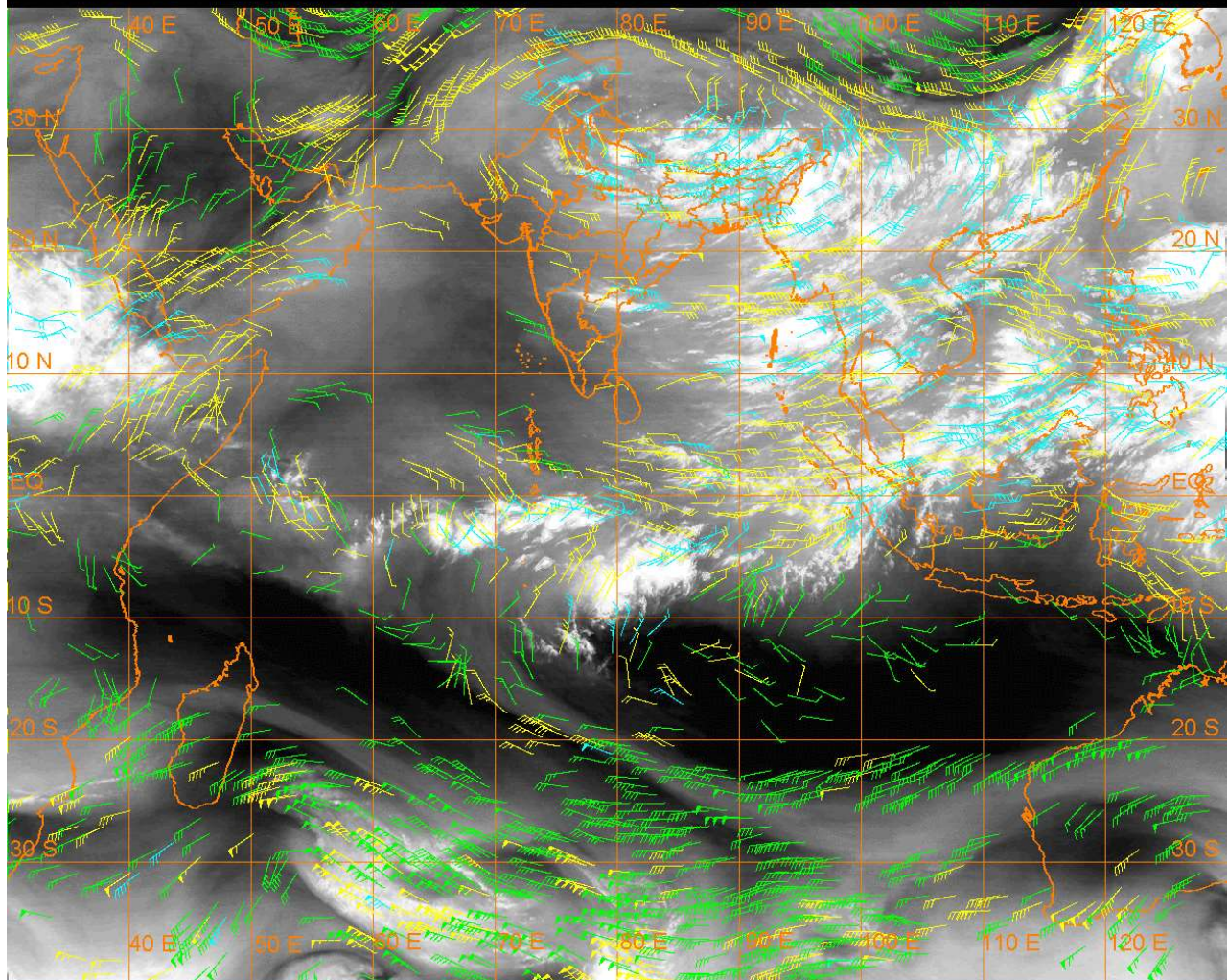
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NC UP (MINIMUM CTT MINUS 74 DEG CEL) AND MOD TO INT CONTN OVER SE J&K EXT S HP NW UTRKND NE UP(.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH REST UTRKND REST HP SW UP (.) SCT LOW/MED CLOUDS OVER PJB HARY REST UP (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BHR N JHRKND SHWB SKM ARUPR ASSAM NAGA MANI (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER S ORS S JHRKND N GWB REST NE STAES (.) SCT LOW/MED CLOUDS OVER CHTGH N ORS S GWB (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER MP E RAJ GUJ (.) SCT LOW/MED CLOUDS OVER MAHA NW RAJ GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER C COTL AP ANDAMAN ILS AND WK TO MOD CONVTN OVER S TLNGN NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER REST COTL AP KRNTK RYLSMA TN LKSDP ILS (.)

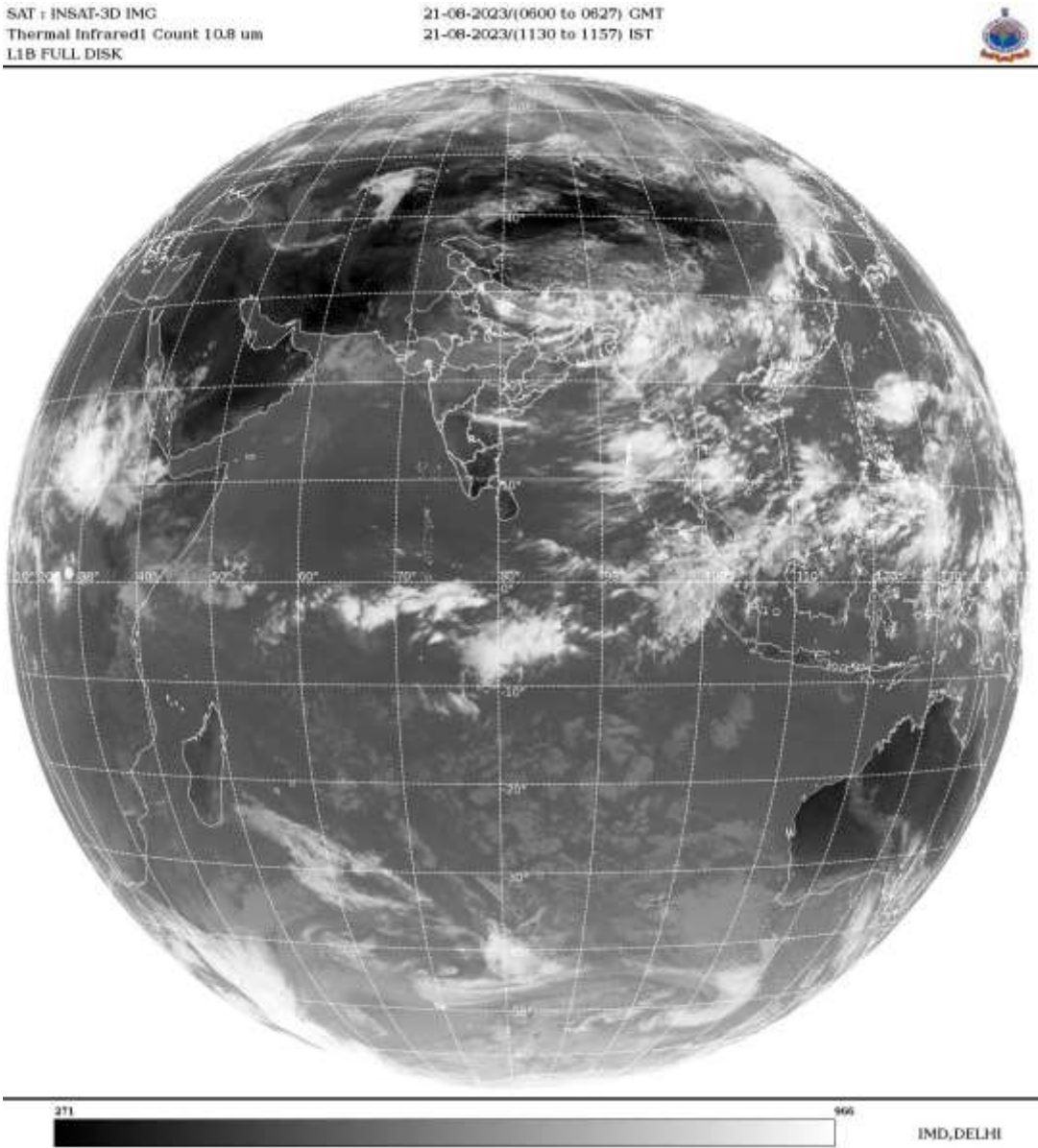
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NORTH ARSEA GULF OF KUTCH GULF OF CAMBAY (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER WC BAY OFF CENTRAL AP COAST EAST BAY S ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER NW BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NEPAL BHUTAN TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA ADJ W COAST STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA YELLOW SEA AND OVER INDIAN OCEAN BET LAT 3.0N TO 10.0S LONG 52.0E TO 100.0E (.)

TOO 21/1230 HRS IST=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH OR WB SKM NORTH- EAST STATES
	WEST	RAJ MP GUJ MAHA GOA
	SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS
CLOUD DISTRIBUTION	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)
	BKN	BROKEN (51 TO 75%)

	SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	CTT	CLOUD TOP TEMPERATURE
CONVECTION	WK CONVTN	WEAK CONVECTION (CTT GREATER THAN -25□C)
	MOD CONVTN	MODERATE CONVECTION (CTT BETWEEN -25□C TO -40□C)
	INT CONVTN	INTENSE CONVECTION (CTT BETWEEN -41□C TO -70□C)
	V INT CONVTN	VERY INTENSE CONVECTION (CTT LESS THAN -70□C)
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES	ARUPR	ARUNACHAL PRADESH
	BHR	BIHAR
	CHTGH	CHHATTISGARH
	COTL AP	COASTAL ANDHRA PRADESH
	COTL KRNTK	COASTAL KARNATAKA
	COTL ORS	COASTAL ORISSA
	GUJ	GUJARAT
	GWB	GANGETIC WEST BENGAL
	HARY	HARYANA
	DLH	DELHI
	HP	HIMACHAL PRADESH
	J&K	JAMMU AND KASHMIR
	JHRKND	JHARKHAND
	KER	KERALA
	KKN	KONKAN
	LKSDP	LAKSHADWEEP
	M MAHA	MADHYA MAHARASHTRA
	MAHA	MAHARASHTRA
	MANI	MANIPUR
	MEGHA	MEGHALAYA
	MIZO	MIZORAM
	MP	MADHYA PRADESH
	MRTHWD	MARATHWADA
	NAGA	NAGALAND
	N COTL AP	NORTH COASTAL ANDHRA PRADESH
	NIK	NORTH INTERIOR KARNATAKA
	ORS	ORISSA
	PJB	PUNJAB
	RAJ	RAJASTHAN
	RYLSM	RAYALASEEMA
	SAU & KUTCH	SAURASHTRA & KUTCH
	SHWB	SUB-HIMALAYAN WEST BENGAL
	SIK	SOUTH INTERIOR KARNATAKA
	SKM	SIKKIM
	TLNGN	TELANGANA
	TN	TAMIL NADU
	TRP	TRIPURA

	UP	UTTAR PRADESH
	UTRKND	UTTARAKHAND
	VID	VIDHARBHA
	SHWB	SUB HIMALAYAN WEST BENGAL
	GWB	GANGETIC WEST BENGAL
	ARSEA	ARABIAN SEA
	ILS	ISLANDS
MISCELLANEOUS	ASSW	IN ASSOCIATION WITH
	ASSTD	ASSOCIATED
	LLC	LOW LEVEL CIRCULATION
	EMBDD	EMBEDDED
	N/HOOD	NEIGHBOURHOOD
	EXT	EXTREME